

About OsteoSys

OsteoSys is global leader in developing and manufacturing medical device especially Bone Mineral Densitometry(BMD) since January, 2000 in South Korea. The company has been providing cutting-edge technology of BMD products and high quality global service around the world with 130 sales networks in 95 countries. We are the only one manufacturer, providing a full range of advanced BMD systems from QUS, pDXA, Central DXA, Half body DXA, to Whole body DXA which can perform various extra assessments and body composition of patient's body.

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Global sales

130 sales networks in 95 countries

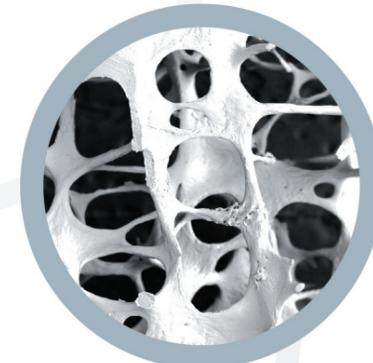


OsteoSys

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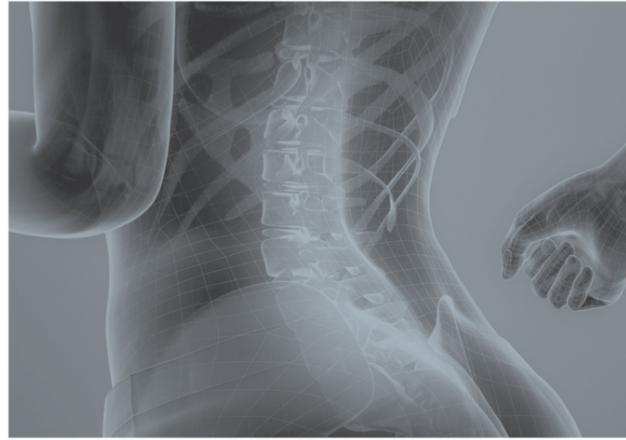
better products for better life



OsteoSys

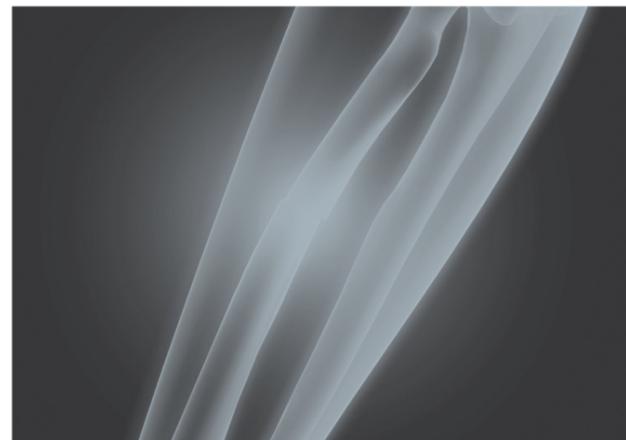
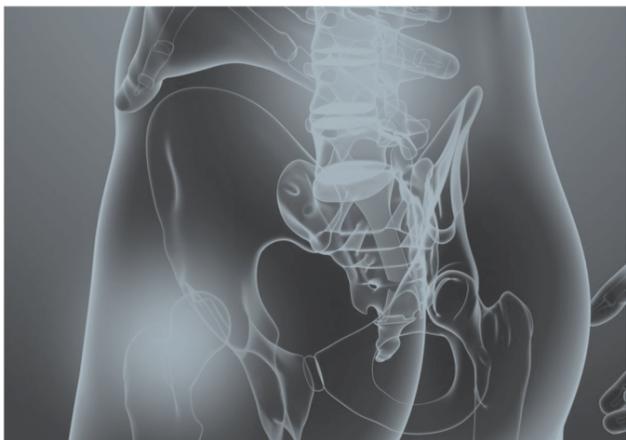
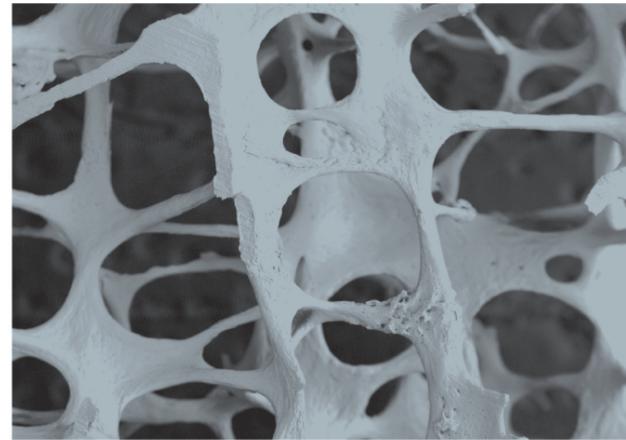
Products Line-up

OsteoSys



Are your bones healthy enough?

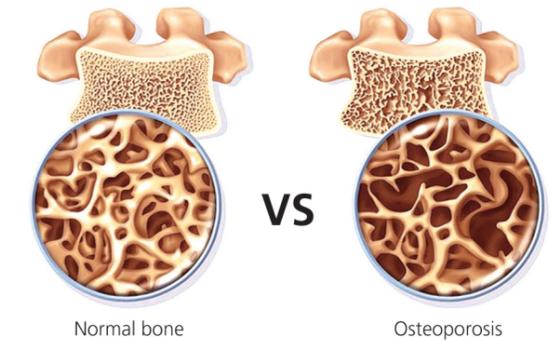
Your bones start to get weak with age but if you are damaging them they may deteriorate with age. Healthy bones prevent fracture and osteoporosis. Your bones are healthy when you are 20 but after that your bones start getting weaker.



OsteoSys to prevent Osteoporosis

Preventing osteoporosis and bone fractures with our bone densitometer

Osteosys, a brand specialized in bone density diagnosis equipment, produces various products which can diagnose osteoporosis easily and accurately to help humanity enjoy healthy lives. If you have accurate diagnosis and prescription through bone density equipment of Osteosys, you can enjoy healthy and happy life by avoiding risk of osteoporosis.



DEXXUM T

The most compact & Space-saving Central DXA Design

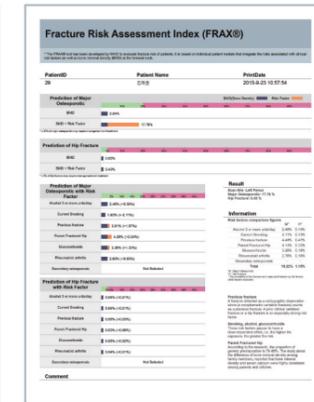
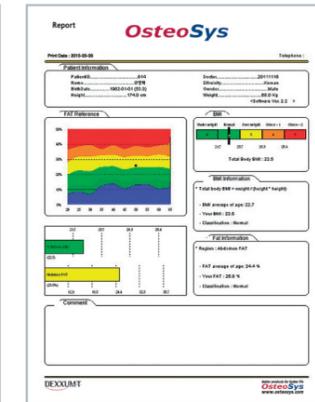
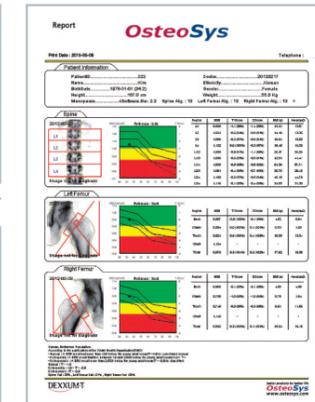
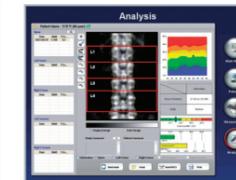
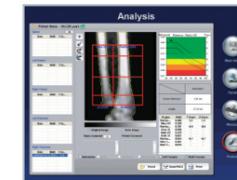
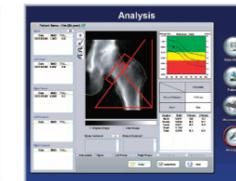
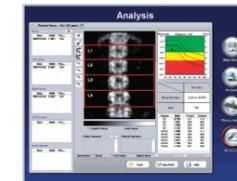
The innovation of Central DXA bone densitometer

DEXXUM T, the Central dual energy x-ray absorptiometry bone mineral densitometry can be installed regardless of the location due to its compact design concept. It is the quickest way to undertake measurement for patients with the most comfortable posture.



Features

- Central DXA (Dual energy X-ray Absorptiometry)
- Pencil beam technology
- Scan site : AP spine, Femur (Dual femur), Forearm
- Scan area : 580 × 480 mm
- Scan time : AP spine (85 Sec.), Femur (65 Sec.)
- Space-saving design (Tri fold type patient table)
- 650mm, The most comfortable bed height



EXCELLUS

DXA Half body composition analyzer

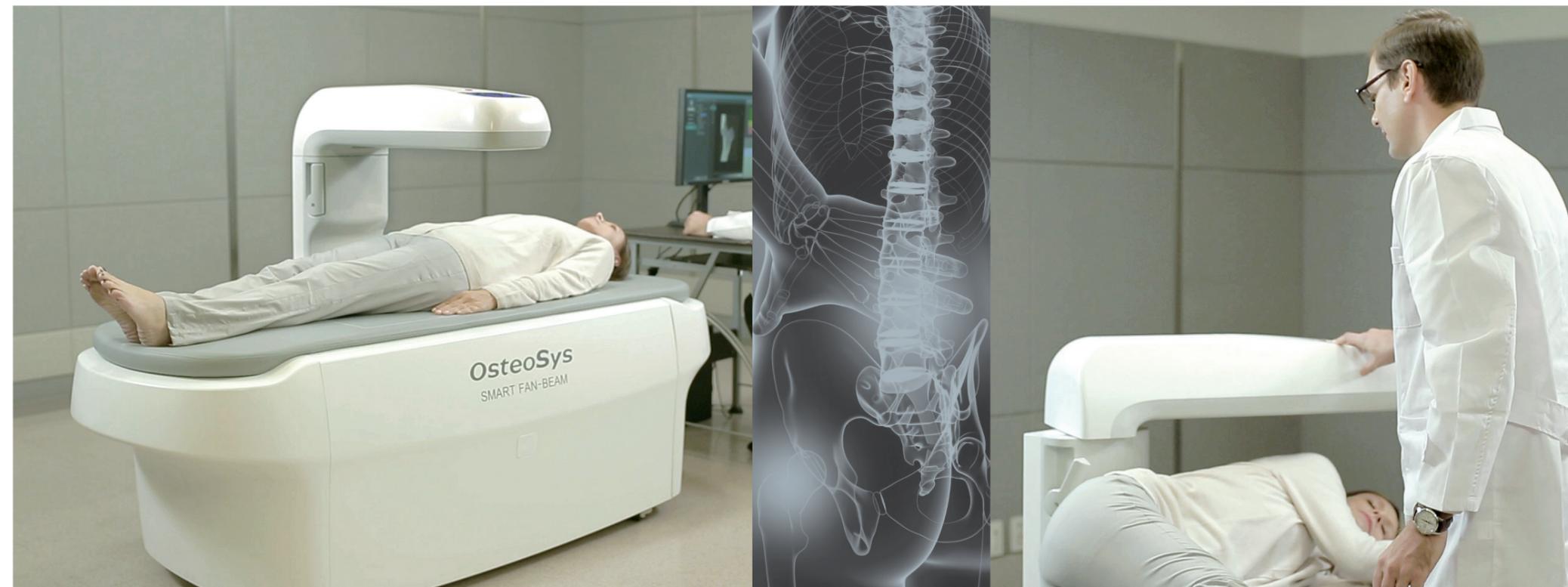
The most accurate & precise DXA for body fat, lean and bone mass

EXCELLUS is the brand new concept of conventional body composition system. The new body analyzer can quickly and easily measure half body composition of patient, especially Gynoid and Android regions with medical-grade DXA (Dual X-ray Absorptiometry) technology. And it can also scope fat mass and muscle mass in specific site of body with the Osteosys's specialized function of B-Scope (Body-Scope)

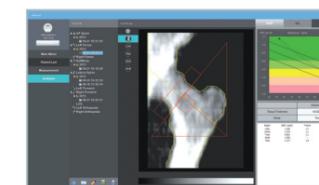


Features

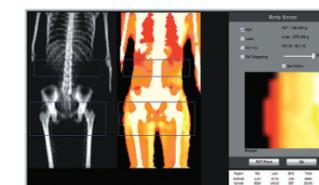
- Half body DXA (Dual energy X-ray Absorptiometry)
- Fan beam technology
- Scan site : Half body, AP spine, Femur (Dual femur), Forearm, Lateral spine, LVA
- AP spine, Dual femur and Forearm, Lateral BMD
- Body composition & Assessment
- Wide scan area : 800 × 480 mm
- Scan time : AP spine (23 Sec.), Femur (20 Sec.)
- Swing arm for space application
- 650 mm, comfortable bed height



Main user interface



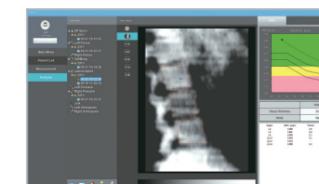
Femur



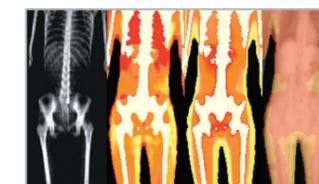
B-Scope (Body-Scope)



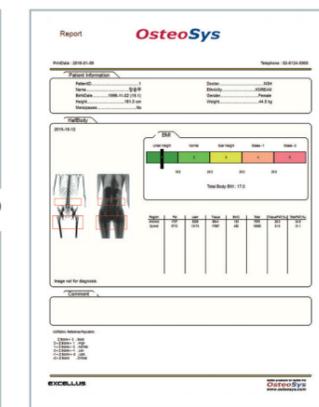
AP spine



Lateral spine



Half body analysis



Half body report

PRIMUS

Whole body DXA bone densitometer

State-of-the-Art DXA whole body scanning system

PRIMUS is the best one stop solution for the measurement of bone mineral densitometry alongside body composition and various assessments. Patients lie still on a table while a machine arm passes over their entire body, technicians can get information of BMD, lean body mass and fat mass for the whole body and individual regions. It helps us keep the body in balance especially fat and muscle.

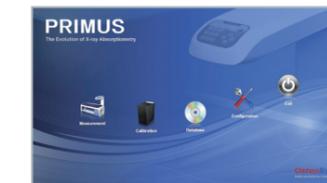
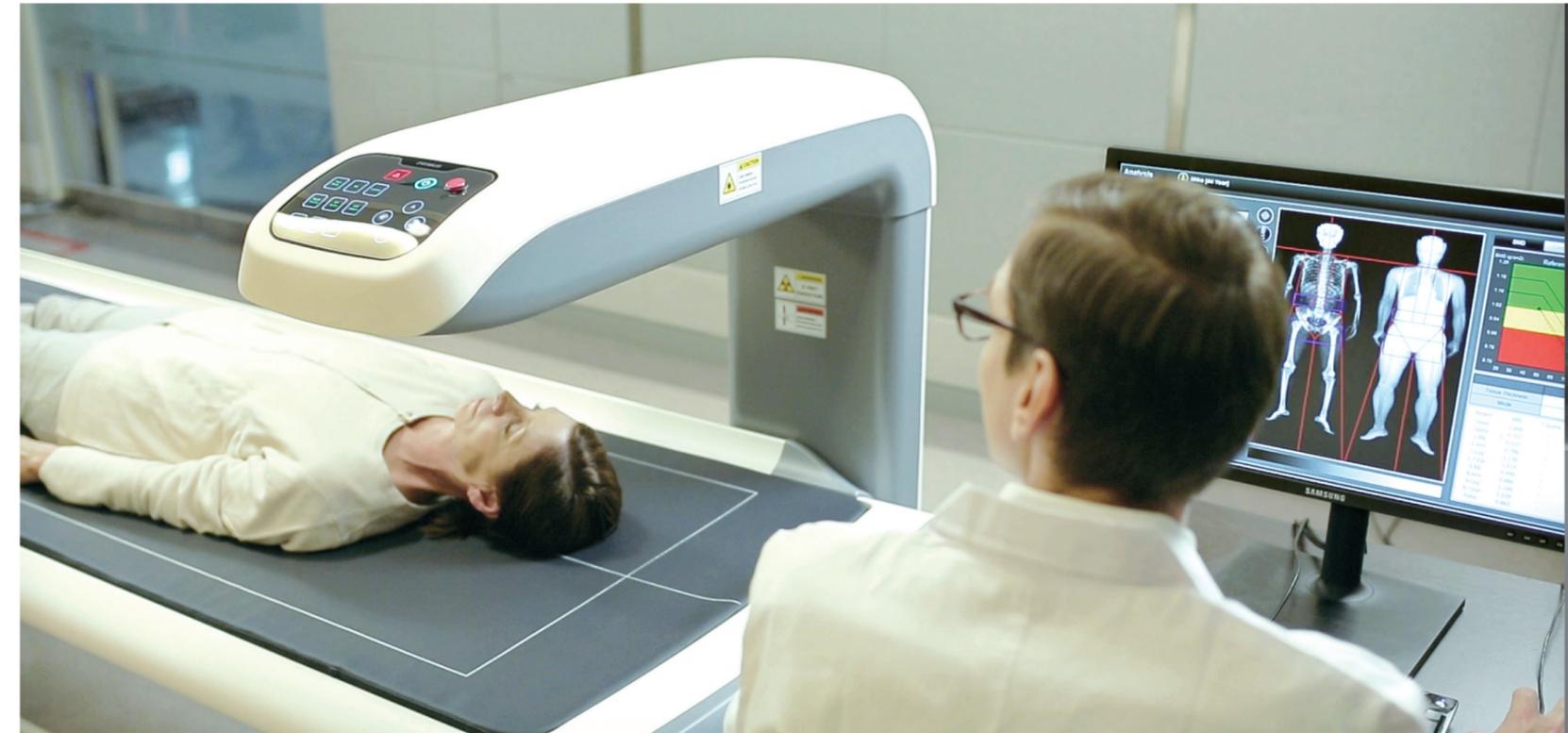


Features

- Whole body DXA (Dual energy X-ray Absorptiometry)
- Fan beam technology
- Scan site : Whole body, AP spine, Femur (Dual femur), Forearm, Lateral spine, LVA
- Body composition : Fat mass, Lean mass, Total weight
- Assessment : Orthopedics, Pediatrics, Hip analysis FRAX, Color mapping
- Whole body scan area : 2020 x 580 mm
- Scan time : AP spine (30 Sec.), Femur (25 Sec.), Whole body (around 7 Min.)
- Drop-dead gorgeous design



Scan area for entire body



Main user interface



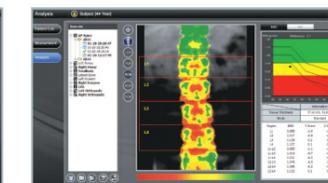
Total body composition



Lateral spine



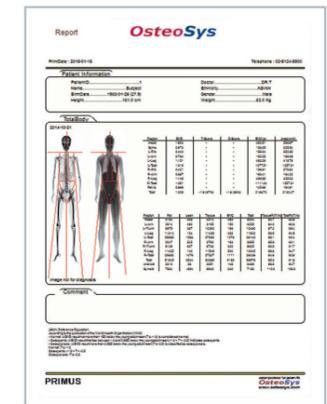
LVA



Color mapping mode



Femur



Whole body report

Multi-site pDXA bone densitometer

Most easy to measure multi-site scan with quick scanning speed

EXA-3000 is especially designed for scanning forearm and calcaneus of patient by DXA (Dual X-ray Absorptiometry) technology. It is fastest BMD (Bone Mineral Densitometry) in the world. The lifter, optional item it's specifically designed for EXA-3000 makes easy to lift up and down and it allows a patient to be more comfortable.

Features

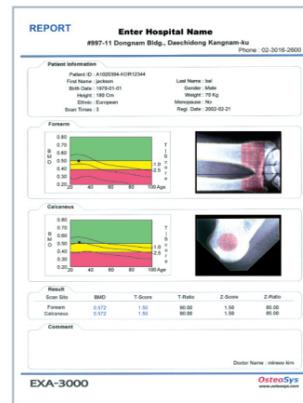
- Quick scanning speed : 5 Sec.
- Multi-site scan : Forearm, Calcaneus
- Precise measurement with DXA technology
- Easy operation
- Most comfortable design
- Low radiation
- Reliable result
- Trend report



Forearm



Calcaneus



Forearm & Calcaneus report

Cutting edge design of pDXA bone densitometer

The art of beauty & gorgeous design of peripheral DXA system

EXA-PRESTO is the portable pDXA with unique and compact design and it performs quick measuring of speed and more precise measurement with special designed positioner with low radiation level and it gives you easy operation with conventional work-station as well as laptop computer

Features

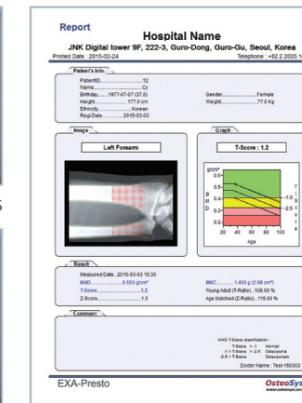
- Quick scanning speed : 5 sec.
- Scan site : Forearm
- Precise measurement with DXA technology
- Easy operation
- Most comfortable design
- Low radiation
- Reliable result
- Trend report
- 3D image analysis



BMD analysis



Trend view



Forearm report

The stand-alone QUS bone densitometer

Portable device with embedded PC, touch screen and thermal printer

SONOST 3000 offers comfortable and easy-to-handle measurement through its high-sensitivity touch screen without the need of an external monitor or a keyboard. Moreover, the built-in thermal printer prints out report cards in a simple format to cut down maintenance cost. The semi-permanent waterless probe with its high-elasticity is comfortable on the body and it has also contributed to reducing maintenance cost and help operator to clean easier. The automatic probe positioning is one of the best solution for QUS system to minimize positioning errors.

Features

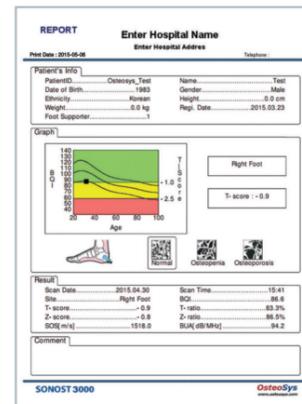
- Portable
- Waterless probe
- Built-in computer and thermal printer
- Touch screen : 7" color TFT LCD monitor
- Automatic positioning probes
- Temperature compensation function
- Quick scanning speed : 10Sec.
- Scan site : Calcaneus
- Easy to clean, and low maintenance



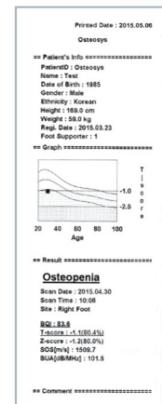
Touch screen color monitor



Waterless probe



Calcaneus report



Thermal print report

The compact QUS bone densitometer

Easy & Quick & Simple & Safe measurement

SONOST-2000 is a dry mode ultrasound bone densitometry that boasts a quick measuring speed of 15 seconds, easy operation and high durability. Its compact design makes it portable enough to use with a laptop anywhere.

Features

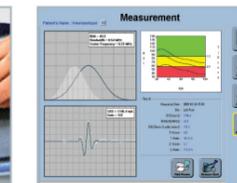
- Compact design
- Portable (Using laptop)
- Quick measuring speed (15 Sec.)
- High durability
- Simple installation and use
- Easy to clean and low maintenance
- Comprehensive result and trend report



Foot positioner



Foot guide



BUA & SOS



Analysis view



Calcaneus report



Technical specifications

DEXXEM T

DXA

- Central DXA(Central Dual energy X-ray Absorptiometry)
- Energy splitting : 41kV, 83kV(K-edge filter / Samarium)
- Pencil beam
- Sensor : CZT detector
- Scan site : AP spine, Femur(Dual femur), Forearm
- Scan area : 580 × 480mm
- Scan time : AP spine - 85 Sec.(Fast) / 187 Sec.(Normal)
Femur - 65 Sec.(Fast) / 120 Sec.(Normal)
Forearm - 5 Min. 53 Sec.
- Automatic real one-scan
- Reproducibility : ≤ 1.0% C.V.
- Measured parameter : BMD, BMC, BMI, T-score, Z-score, Area
- FRAX / Color mapping / Trend report / DICOM & PACS
- Dimension : 2000 × 800 × 1213 mm(Standard)
1900 × 800 × 1213 mm(Medium)
1850 × 800 × 1213 mm(Compact)
- Table height : 650mm
- Weight : 130.5Kg
- Power consumption : 110VAC / 220VAC (+/- 10%)

EXCELLUS

DXA

- Half body DXA(Half body composition and Assessment)
- Energy splitting : 41kV, 83kV(K-edge filter / Samarium)
- Narrow fan beam
- Sensor : CdTe detector
- Scan site : Half body, AP spine, Femur(Dual femur), Forearm, Lateral spine, LVA
- Scan area : 800 × 480mm
- Scan time : AP spine - 23 Sec.(± 2 Sec.)
Femur - 20 Sec.(± 2 Sec.)
Forearm - 18 Sec.(± 22 Sec.)
Half body - 3 Min. 30 Sec.(± 2 Sec.)
- Automatic real one-scan
- Reproducibility : ≤ 1.0% C.V.
- Measured parameter : BMD, BMC, BMI, T-score, Z-score, Area, Half body BMD, Body composition(FAT / Lean / BMC), HA(Hip Analysis), Dual femur
- Swing arm
- Orthopedics / Pediatrics / B-Scope(Body-Scope) / FRAX / Color mapping / Trend report / DICOM & PACS
- Dimension : 1900 × 800 × 1230mm
- Table height : 650mm
- Weight : 160Kg
- Power consumption : 110VAC / 220VAC (+/- 10%)

PRIMUS

DXA

- Whole body DXA(Total body composition and Assessment)
- Energy splitting : 41kV, 83kV(K-edge filter / Samarium)
- Narrow fan beam
- Sensor : CZT detector
- Scan site : Whole body, AP spine, Femur(Dual femur), Forearm, Lateral spine, LVA
- Scan area : 2020 × 580 mm / 2020 × 620mm(Optional)
- Scan time : AP spine - 30 Sec.(± 2 Sec.)
Femur - 25 Sec.(± 2 Sec.)
Forearm - 23 Sec.(± 2 Sec.)
Whole body : 7 Min. (Ergonomic) / 11 Min. (Standard mode)
* Depends on height
- Automatic real one-scan
- Reproducibility : ≤ 1.0% C.V.
- Measured parameter : BMD, BMC, BMI, T-score, Z-score, Area, Total body BMD, Total body Composition(FAT / Lean / BMC), HA(Hip Analysis), Dual femur
- Total body composition And Various whole body assessment
- Orthopedics / Pediatrics / FRAX / B-Scope(Body-Scope) / Color mapping / Ergonomic scan / Trend report / DICOM & PACS
- Dimension : 2784 × 1045 × 1258 mm(Standard)
2284 × 1045 × 1258 mm(SB)
- Table height : 650mm
- Weight : 210Kg
- Power consumption : 110VAC / 220VAC (+/- 10%)

EXA-3000

pDXA

- pDXA(Peripheral Dual energy X-ray Absorptiometry)
- Cone beam
- Sensor : CCD detector
- Scan site : Forearm, Calcaneus
- Scan time : Forearm - 5 Sec.
Calcaneus - 5 Sec.
- Reproducibility : ≤ 1.0% C.V.
- Measured parameter : T-score, Z-score, BMD, BMC, Ratio of T-score and Z-score
- Pediatrics / Trend report / DICOM & PACS / GDP(Growth Diagnosis Program) * optional
- QC check(Daily QC phantom)
- Dimension : 410 × 670 × 373mm
- Weight : 34.5kg
- Power consumption : 100~240VAC, 50~60Hz
- Lifter(Optional)
- Dimension : 654 × 480 × 88mm
- Weight : 36kg

EXA-PRESTO

pDXA

- pDXA(Peripheral Dual energy X-ray Absorptiometry)
- Cone beam
- Sensor : CMOS camera
- Scan site : Forearm
- Scan time : 5 Sec.
- Reproducibility : ≤ 1.0% C.V.
- Measured parameter : T-score, Z-score, BMD, BMC ratio of T-score and Z-score
- RS view(3D) and BMD view analysis mode
- Pediatrics / Trend report / DICOM & PACS / GDP(Growth Diagnosis Program) * optional
- QC check(Daily QC phantom)
- Dimension : 364 × 321 × 633mm
- Weight : 18.6kg
- Power consumption : 100~240VAC, 50~60Hz

SONOST 3000

QUS

- QUS(Quantitative Ultrasound)
- Measurement site : Calcaneus
- Measurement time : 15 Sec.
- Reproducibility : BUA - ≤ 1.5% C.V.
SOS - ≤ 0.2% C.V.
BQI - ≤ 1.5% C.V.
- Measured parameter : T-score, Z-score, BQI, BUA, SOS, Ratio of T-score and Z-score
- Pediatrics / Trend report / DICOM & PACS
- QC check(Daily QC phantom)
- Touch screen(7" Color TFT LCD monitor)
- Built-in PC & thermal printer
- Waterless probe / Automatic positioning probes
- Coupling method : Ultrasound gel coupled
- Optional : USB keyboard & mouse
External printer & Monitor
- Dimension : 615 × 310 × 386mm
- Weight : 12.6kg
- Power consumption : 100~240VAC, 50~60Hz

SONOST-2000

QUS

- QUS(Quantitative Ultrasound)
- Measurement site : Calcaneus
- Measurement time : 15 Sec.
- Reproducibility : BUA - ≤ 1.5% C.V.
SOS - ≤ 0.2% C.V.
BQI - ≤ 1.5% C.V.
- Measured parameter : T-score, Z-score, BQI, BUA, SOS, Ratio of T-score and Z-score
- Pediatrics / Trend report / DICOM & PACS
- QC check(Daily QC phantom)
- Coupling method : Ultrasound gel coupled
- Dimension : 523 × 286 × 257mm
- Weight : 7.8kg
- Power consumption : 100~240VAC, 50~60Hz

※ Minimum PC requirements : Operating system - ≥ Windows XP
CPU - ≥ Pentium IV 3.0GHz
RAM - ≥ 1GB
HDD - ≥ 80GB

